

Product datasheet

Anti-CD11+CD18 antibody [24] ab13219

★★★★★ [5 Abreviews](#) [23 References](#)

Overview

Product name	Anti-CD11+CD18 antibody [24]
Description	Mouse monoclonal [24] to CD11+CD18
Host species	Mouse
Specificity	This antibody specifically recognises the human CD11+CD18 activation epitope.
Tested applications	Suitable for: IP, RIA, ICC/IF, WB, Flow Cyt
Species reactivity	Reacts with: Mouse, Rat, Dog, Human
Immunogen	Tissue, cells or virus corresponding to Human CD11+CD18. Fibronectin-purified human monocytes.
Epitope	Recognises an epitope which is expressed by beta 2 (CD18) integrins in high affinity conformation.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
Purity	Protein A/G purified
Clonality	Monoclonal
Clone number	24
Myeloma	Sp2/0-Ag14
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab13219 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
RIA		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 129 kDa. PubMed: 22473604
Flow Cyt	★★★★★ (5)	Use at an assay dependent concentration. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function

Integrin alpha-L/beta-2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. It is involved in a variety of immune phenomena including leukocyte-endothelial cell interaction, cytotoxic T-cell mediated killing, and antibody dependent killing by granulocytes and monocytes.

Tissue specificity

Leukocytes.

Sequence similarities

Belongs to the integrin alpha chain family.
Contains 7 FG-GAP repeats.
Contains 1 VWFA domain.

Domain

The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.

Cellular localization

Membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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